

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001841

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 H01J 37/26**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H01J, G12K, G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korea Patents and applications for inventions since 1975

Korea Utility Models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Korean Patents and Utility Model search system

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US6,281,508 B1 (Etec System, Inc.) 28 AUG 2001, see the whole document	1-8
A	US6,195,214 B1 (Etec System, Inc.) 27 FEB 2001, see the whole document	1-8
A	US6,369,385 B1 (Applied Materials, Inc.) 09 APR 2002, see the whole document	1-8
A	US2002/0125440 A1 (Applied Materials, Inc.) 12 SEP 2002, see the whole document	1-8
A	US6,130,429 A (Fujitsu Ltd.) 10 OCT 2000, see the whole document	1-8
A	US6,077,417 A (Etec System, Inc.) 20 JUN 2000, see the whole document	1-8

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 NOVEMBER 2004 (18.11.2004)

Date of mailing of the international search report

**19 NOVEMBER 2004 (19.11.2004)**

Name and mailing address of the ISA/KR



Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

AHN, JOON JYUNG

Telephone No. 82-42-481-5984



## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001841

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US6,281,508 B1	28-08-2001	W00046831 C2	07-09-2001
		W00046831 A1	10-08-2000
		JP2002536801 T2	29-10-2002
		IL0138144 A0	31-10-2001
		EP1070334 A1	24-01-2001
		CA2324243 AA	10-08-2000
US6,195,214 B1	27-02-2001	W00109916 A1	08-02-2001
		JP2003506825 T2	18-02-2003
		AU0128056A5	19-02-2001
US6,369,385 B1	09-04-2002	W00067290 A3	08-03-2001
		W00067290 A2	09-11-2000
		JP2002543439 T2	17-12-2002
		IL0140735 A0	10-02-2002
		EP1097464 A2	09-05-2001
		CA2336670 AA	09-11-2000
US2002/0125440 A1	12-09-2002	AU0048212 A5	17-11-2000
		W002070401 A3	31-12-2003
		W002070401 A2	12-09-2002
US6,130,429 A	10-10-2000	JP11233060 A2	27-08-1999
US6,077,417 A	20-06-2000	W00031527 A3	19-10-2000
		W00031527 A2	02-06-2000
		IL0137480 A0	24-07-2001
		EP1062678 A2	27-12-2000
		CA2318787 AA	02-06-2000